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Ag 854E  
Cap 3

# Graduate School

*Fall Semester*

## Schedule of Classes

1949-50



29th Year

### REGISTRATION SCHEDULE

TIME: Sept. 10, 9 to 5  
Sept. 12-16, 9 to 7  
Sept. 17, 9 to 5

Late registration fee charged after  
September 17

PLACE: The Patio, Administration Bldg.  
U. S. Department of Agriculture

WASHINGTON . AUGUST . 1949

# Class Schedule and Supplement

## to 1949-50 Bulletin

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**Complete details**, including rules and regulations, policies, and course descriptions, are given in the **1949-50 Bulletin**, a copy of which may be obtained by writing or by calling in person. **Please do not telephone.** Counselors and training officers of your agency have a copy which you may examine.

**Additional Courses:** The School welcomes suggestions for courses not included in this Schedule and will make every effort to organize courses for which there is sufficient interest. Address suggestions to the Registrar.

**Counseling** on courses and programs of study is available at all times. Members of the School staff are glad to assist students in planning their work.

**Registration:** begins September 10 (The Patio, Administration Building, Department of Agriculture). See schedule of hours on front cover. No one will be registered for credit after September 30, except with special permission of instructor and Registrar. Registration closes in a course when the maximum for that class is reached.

**Late Registration:** After September 17, a \$2.00 per course late registration fee will be charged.

**Business office,** Room 1031, South Agriculture Building, will be open from 9:00 a.m. to 6:20 p.m., Monday through Friday.

**Textbooks** may be purchased in Room 1041, South Agriculture Building, from 1:00 p.m. to 6:30 p.m., September 12 through September 16 inclusive, and from 2:00 p.m. to 7:30 p.m., September 19 through September 23 inclusive. Open Saturdays, September 10 and 17, from 9:00 a.m. to 5:00 p.m.

**Refund** of fees, less \$3.00 registration fee, may be granted in case of withdrawal before 6:20 p.m., September 30. After this date no refunds will be approved unless the student is compelled to leave Washington because of official governmental action.

**Room schedules** will be given at the time of registration.

**Classes begin** during week of September 19, end the week of January 9. All classes meet in the evening, unless otherwise indicated.

**Explanation:** Basic information about each course is given in the following order: course number, title, semester hours of credit, instructor, day and hour of class meeting, fee, and page of **1949-50 Bulletin** on which description may be found. The first half and the second half of a course are indicated by a and b respectively.

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## ACCOUNTING

- 352<sup>a</sup>. **Principles of Accounting—First Half** (3) \$24 p. 76  
Section I Rowe M 6-9 and W 6-7  
Section II Marshall Tu 6-9 and Th 6-7
- 352<sup>b</sup>. **Principles of Accounting—Second Half** (3) Gibb  
Tu 6-7 and Th 6-9 \$24 p. 76
- 353<sup>a</sup>. **Intermediate Accounting—First Half** (3) Hord  
M 6-9 \$24 p. 77
354. **Federal Government Accounting** (3) Mason W  
6-9 \$24 p. 77
- 642<sup>a</sup>. **Cost Accounting** (3) D'Alessandro Tu 6-9 \$27  
p. 77
645. **Federal Tax Accounting** (3) Moyer F 6-9 \$27  
p. 77
- 646<sup>a</sup>. **Advanced Accounting Problems** (3) Acker M 6-9  
\$27 p. 78

## ADMINISTRATION AND ADMINISTRATIVE TECHNIQUES

### BUDGETARY AND FISCAL MANAGEMENT

- 101. Business Mathematics (2) Botts Th 6-8 \$16 p. 48
- 110. Federal Auditing Procedure (2) Cruikshank M  
6-8 \$16 p. 48
- 112. Federal Accounting Procedure (3) Tierney M  
6-9 \$24 p. 49
- 116. Federal Budgetary Procedure (2) Struttman Tu  
6-8 \$16 p. 49
- 635. Budgetary and Financial Administration: Budget  
Formulation (2) Roberts & Staff Th 6-8 \$18 p. 71

### GENERAL ADMINISTRATION

- 108. Administrative Procedure (2) Hickey M 6-8 \$16  
p. 48
- 117. Records Management Procedure (2) Donaldson,  
Luttrell, Lando Tu 6-8 \$16 p. 51
- 208. Advanced Administrative Procedure (2) Moseley  
M 6-8 \$16 p. 48
- 341. American National Government (2) Smith Tu  
6:30-8:30 \$16 p. 67
- 344. Introduction to Public Administration (3) Brown  
W 6-9 \$24 p. 67
- 413. Office Management (2) Braum M 6-8 \$18 p. 51
- 420. Procedure Systems and Methods of Developing  
Instructions (2) Allsman, Pearson M 6-8 \$18  
p. 52
- 450. Principles of Scientific Management (3) McKillop  
Tu 6-9 \$27 p. 68
- 515. The Legislative Process (2) Galloway W 6-8 \$18  
p. 69
- 555<sup>a</sup>. Principles and Techniques of O&M Work (2)  
Levine, J. Young W 6-8 \$18 p. 70
- 570. Management Responsibilities for the Administra-  
tive Scientist<sup>1</sup> (2) Torpey To be arranged \$18  
p. 67
- 600. Readings and Papers in Public Administration (3)  
Thurston To be arranged \$27 p. 69
- 710. Government Public Relations (2) Webster and  
Specialists Th 6-8 \$18 p. 69
- 780. Establishing and Administering O&M Work (2)  
Stone, Luton F 6:15-8:15 \$18 p. 70

### LEGAL ADMINISTRATION

- 320. Introduction to Administrative Law and Pro-  
cedure (2) E. Johnson F 6-8 \$16 p. 73
- 422. Business Law (2) Mostow Tu 6:30-8:30 \$18 p. 77

### PERSONNEL MANAGEMENT

- 114. Federal Personnel Procedure (2) Mohagen M 6-8  
\$16 p. 50
- 214. Advanced Federal Personnel Procedure (2) Peter-  
son F 6-8 \$16 p. 50
- 305. Fundamentals of Accident Prevention (2) Jenkins  
M 6-8 \$16 p. 72
- 530. Selection and Placement (2) Hayes W 6-8 \$18  
p. 72
- 559. Position Classification I—Elementary (2) Laxton,  
Findlay M 6-8 \$18 p. 72
- 560. Position Classification II—Advanced (2) Laxton,  
Findlay Tu 6-8 \$18 p. 72
- 561. Public Personnel Administration (2) Stahl Tu  
6-8 \$18 p. 71
- 633. Employee Relations and Employee Services (2)  
Kraus W 6-8 \$18 p. 73
- 842. Personnel Division Management (2) Couch W  
6-8 \$18 p. 73

### PROCUREMENT AND PROPERTY MANAGEMENT

- 115. Federal Purchasing Procedure (2) Scammahorn  
M 6-8 \$16 p. 50
- 113. Federal Property Procedure (2) Lum W 6-8 \$16  
p. 50

### ARTS

- 322. Survey of Art (2) Richards Tu 6-8 \$16 p. 111
- 320. Water Color Painting (2) Lyon M-Th 6-8 \$24  
p. 112

<sup>1</sup> Given at Naval Research Laboratory.

321. Pencil Sketching and Freehand Drawing (2)  
Cadmus M-W 6-8 \$24 p. 111
323. Portrait Painting in Oil (2) Lazzari M-W 6-8  
\$24 p. 111
230. Interior Decoration I (1) Payne W 6-7 \$8 p. 112
231. Interior Decoration II (1) Payne W 7:10-8:10 \$8  
p. 112
260. Introduction to Modern Color Technology (2)  
Brennan W 6:30-8:30 \$16 p. 114
316. Landscape Design—Small Property (2) Gardner  
Th 6-8 \$16 p. 112
188. Glass Blowing<sup>1</sup> (2) Clark, Clark M-W 4:30-6:00  
\$24 p. 113

## BIOLOGICAL SCIENCES

- 110<sup>a</sup>. General College Biology<sup>2</sup> (4) Olson M-Th 6:30-  
9:00 \$32 and \$5 laboratory fee p. 19
209. Systematic Botany—Principles of Classification  
(2) Blake M 6-8 \$16 p. 20
- 512<sup>a</sup>. Medical and Veterinary Entomology (2) Bishopp  
M 6-8 \$18 p. 21
519. New Developments in Fungicides (2) Dunegan,  
Goldsworthy and Specialists W 6-8 \$18 p. 21

## LANGUAGES AND LITERATURE

### ENGLISH AND LITERATURE

51. English for Foreign Students<sup>3</sup> (non-credit) M.  
Young Th 6-8 \$16 p. 23
118. Practical English Usage (2) Samson Th 6-8 \$16 p. 23
119. Vocabulary Building (2) Murphy Th 6-8 \$16 p. 23
- 222<sup>a</sup>. English Composition (3) F. Miller Tu 6-9 \$24 p. 22
223. Descriptive English Grammar (2) K. Ward M  
6-8 \$16 p. 23
310. Survey of Great Plays (2) K. Ward W 6-8 \$16 p. 23
330. Great Books (2) Ruppert Tu 6-8 \$16 p. 23

### SPEECH

50. Speech Clinic (non-credit) Emery To be arranged  
\$30 p. 25
228. Fundamentals of Speech (2) Wakeham W 6:30-  
8:30 \$16 and \$1.50 laboratory fee p. 24
232. Voice and Remedial Speech (2) Emery Th 6-8  
\$16 and \$1.50 laboratory fee p. 24
400. Effective Speaking (2) Beauchamp Tu 6-8 \$18  
p. 24

### WRITTEN PRESENTATION

120. Indexing (1) Doyle M 6-7 \$8 p. 27
224. Creative Writing—Fiction (2) Holt Tu 6:30-8:30  
\$16 p. 26
225. Principles of Editing and Their Application (3)  
R. Miller and Specialists M-W 7:15-8:45 \$24 p. 26
226. Introduction to Official Writing (2) McClarren,  
Gilstrap W 6-8 \$16 p. 27
240. Audio-Visual Aids in Information and Education  
(2) Reid, Webster Th 6-8 \$16 p. 25
320. Introduction to Public Information Media (2)  
Fitzpatrick Th 6:30-8:30 \$16 p. 25
025. Seminar—Workshop in Television Programing  
(non-credit) Gapen, Speece, Noone To be ar-  
ranged p. 25

### FOREIGN LANGUAGES

- 253<sup>a</sup>. Elementary French (3) Arnould Tu 6-9 \$24 p. 30
- 254<sup>a</sup>. Intermediate French (3) Porte Th 6-9 \$24 p. 30
- 255<sup>a</sup>. French Conversation (2) DeMarne W 6-8 \$16  
p. 30
- 259<sup>a</sup>. Elementary German (3) Mr. Lederer M-Th 6-7:30  
\$24 p. 30
- 259<sup>b</sup>. Elementary German (3) Ochsner Th 6-9 \$24 p. 30
- 260<sup>a</sup>. Intermediate German (3) Mrs. Lederer W 6-9  
\$24 p. 30
- 261<sup>a</sup>. German Conversation (2) Bauer Tu 6-8 \$16  
p. 30

<sup>1</sup> Given at the Naval Research Laboratory.

<sup>2</sup> Given at Wilson Teachers College.

<sup>3</sup> Given at the Pan American Union.



- 262<sup>a</sup>. Advanced German (3) Ponti M 6-9 \$24 p. 30  
 270<sup>a</sup>. Elementary Italian (3) Evangelist Tu 6-9 \$24 p. 31  
 295<sup>a</sup>. Elementary Russian (3) \$24 p. 31  
     Section I Tarakus W 6-9  
     Section II Korenev Rockwell M 6-9  
 295<sup>b</sup>. Elementary Russian (3) Schuler M 6-9 \$24 p. 31  
 296<sup>a</sup>. Intermediate Russian (3) Saharov Tu 6-9 \$24 p. 31  
 299<sup>a</sup>. Advanced Russian (3) Saharov Th 6-9 \$24 p. 31  
 49. Elementary Scientific Russian<sup>1</sup> (non-credit) Pingell To be arranged \$16 p. 31  
 55. Intermediate Scientific Russian<sup>1</sup> (non-credit) Pingell To be arranged \$16 p. 31  
 300<sup>a</sup>. Elementary Spanish (3) \$24 p. 32  
     Section I E. Jaffe Th 6-9  
     Section II Iglesia M 6-9  
     Section III<sup>2</sup> Ysita M-W 6-7:30  
 300<sup>b</sup>. Elementary Spanish (3) Iglesia Th 6-9 \$24 p. 32  
 301<sup>a</sup>. Intermediate Spanish (3) Garcia-Tunon Tu 6-9 \$24 p. 32  
 302<sup>a</sup>. Spanish Composition and Conversation (2) G. Supervia Th 6-8 \$16 p. 32  
 574<sup>a</sup>. Advanced Spanish Conversation and Literature (2) R. Supervia Th 6-8 \$18 p. 32

### LETTER WRITING

120. Government Letter Writing (2) Samson F 6-8 \$16 p. 51

### LIBRARY SERVICE

70. Introduction to Library Service (non-credit) Dev-  
     ereaux Tu 7-9 \$16 p. 28  
 550. Post-War Library Trends: A Review and Appraisal  
     (1) Shaw and Specialists To be arranged \$10 p. 28

## MATHEMATICS AND STATISTICS

2. Review of Calculus (non-credit) H. Horton Th 6-9 \$24 p. 38  
 102. Algebra (3) \$24 p. 38  
     Section I Rhodes Tu-Th 6-7:30  
     Section II<sup>1</sup> To be arranged  
     Section III<sup>3</sup> Kaplan M-W 4:40-6:20  
     Section IV<sup>4</sup> Pollin Tu-Th 4:15-5:45  
 104. Trigonometry<sup>1</sup> (2) To be arranged \$16 p. 38  
 105. Analytic Geometry<sup>5</sup> (4) Shanks M-W-F 4-5:20 \$32 p. 39  
 206<sup>a</sup>. Calculus (4) \$32 p. 39  
     Section I Greville Tu-Th 6-8  
     Section II<sup>1</sup> To be arranged  
 502<sup>a</sup>. Differential Equations (2) Greenwood M 6-8 \$18 p. 39  
 715<sup>a</sup>. Applications in Engineering Mathematics (2) Cook Tu 6:30-8:30 \$18 p. 39  
 709<sup>a</sup>. Theory of Infinite Processes (2) Kusner M 6-8 \$18 p. 40  
 126<sup>a</sup>. Introductory Statistics (2) Purves Tu 6:15-8:15 \$16 p. 40  
 127<sup>a</sup>. Principles of Statistical Analysis (3) \$24 p. 41  
     Section I Stauber Tu-Th 6-7:30  
     Section II<sup>1</sup> Pabst To be arranged  
 318. Machine Tabulation (2) Kaufman W 6:30-8:30 \$16 p. 41  
 400<sup>a</sup>. Introduction to Mathematical Statistics (3) Tepping Tu-F 7-8:30 \$27 p. 41  
 741<sup>a</sup>. Theory and Application of the Characteristic Function (2) W. Jacobs W 6:30-8:30 \$18 p. 41  
 735<sup>a</sup>. Theory of Sample Surveys (2) Hansen, Hurwitz, Steinberg W 7:30-9:30 \$18 p. 42  
 740. Advanced Analysis of Variance (3) Daly Tu-Th 6-7:30 \$27 p. 42

<sup>1</sup> Given at the Naval Research Laboratory.

<sup>2</sup> Given at the Pan American Union.

<sup>3</sup> Given at the Naval Gun Factory.

<sup>4</sup> Given at the David Taylor Model Basin.

<sup>5</sup> Given at Naval Ordnance Laboratory.

748. **Introduction to Mathematical Analysis** (3) To be arranged \$27 p. 45
528. **Introduction to Linear Programing** (3) Dantzig, Schell M 6-9 \$27 p. 43
560. **Theory of Electronic Digital Computing Machines** (2) Cannon Tu 6:30-8:30 \$18 p. 43
- 340<sup>a</sup>. **Introduction to Experimental Statistics** (2) Hendricks Tu 6-8 \$16 p. 43
545. **Advanced Agricultural Estimating Procedures** (2) Hendricks To be arranged \$5 p. 44
- 723<sup>a</sup>. **Design of Experiment** (2) Youden W 6-8 \$18 p. 44
- 548<sup>a</sup>. **Statistical Analysis of Economic Relationships** (2) Been M 6:15-8:15 \$18 p. 44
513. **Demographic Methods and Techniques** (2) Siegel Tu 7-9 \$18 p. 44
515. **Publication of Statistical Reports** (2) Ullman, Jenkinson Tu 7-9 \$18 p. 44
732. **Sampling in Social and Economic Surveys** (3) Nisselson M 6:15-9:15 \$27 p. 45
021. **Seminars in Sampling and Statistical Inference** (non-credit) Boddie, Deming Time to be arranged p. 45

## PHOTOGRAPHY

70. **Popular Photography** (non-credit) McHenry W 7-9 \$16 p. 114
192. **Fundamentals of Photography I** (2) Koch M 6-8 \$16 p. 114
193. **Practice of Photography I** (2) \$16 and \$3 laboratory fee p. 115  
Section I Beales W 6-8  
Section II Beales Tu 6-8
270. **Color Photography I—Camera Techniques** (2) Mohr Th 6-9 \$16 and \$7.50 laboratory fee p. 115
- 360<sup>a</sup>. **Portrait Photography** (2) Purdy F 6-8 \$16 and \$4 laboratory fee p. 116
011. **Photographic Seminar** (non-credit) Purdy and Officers of the Seminar p. 116

## PHYSICAL SCIENCES

- 100<sup>a</sup>. **General College Chemistry**<sup>1</sup> (4) Williamson M-Th 6:30-9 \$32 and \$7.50 laboratory fee p. 55
- 400<sup>a</sup>. **Advanced Organic Chemistry** (2) Bowen Th 6-8 \$18 p. 56
- 349<sup>a</sup>. **Physical Chemistry** (2) Hamer Tu 6-8 \$16 p. 56
- 315<sup>a</sup>. **Elementary Biochemistry** (2) Johnston Th 6-8 \$16 p. 56
421. **Physiography of Western United States** (2) Ray Tu 6-8 \$18 p. 57
640. **Principles of Ore Deposition**<sup>2</sup> (3) Chace and Specialists M-W 6-8 (beginning week of October 31 and continuing 11 weeks) \$27 p. 57
157. **Soil Fertility and Management**<sup>3</sup> (3) Parks Tu 5-8 \$24 p. 58
452. **Principles of Physical Metallurgy** (2) Loring Tu 6:30-8:30 \$18 p. 58
- 310<sup>a</sup>. **Methods and Application of Climatology** (2) Thom, W. C. Jacobs and Specialists M 6-8 \$16 p. 59
- 533<sup>a</sup>. **Hydrology** (3) Linsley Th 6-9 \$27 p. 59
- 534<sup>a</sup>. **Introduction to Dynamic Meteorology** (2) List Tu 6-8 \$18 p. 59
- 536<sup>a</sup>. **Physical and Synoptic Meteorology** (3) Shands W 6-9 \$27 p. 59
- 537<sup>b</sup>. **Weather Analysis and Forecasting** (3) Gray, Winston Tu 6-10 \$27 and \$3 laboratory fee p. 59
- 153<sup>a</sup>. **College Physics**<sup>1</sup> (4) Kilgore M-Th 6:30-9 \$32 and \$5 laboratory fee p. 60
- 430<sup>a</sup>. **Introduction to Modern Physics** (2) Garstens W 6-8 \$18 p. 60

<sup>1</sup> Given at Naval Research Laboratory.

<sup>2</sup> Given at Wilson Teachers College.

<sup>3</sup> Given at the U. S. Geological Survey.



## SHORTHAND

- 89. Review of Gregg Shorthand (non-credit) Dwyer  
M-Th 6-7:30 \$24 p. 54
- 129. Beginning Gregg Shorthand I (3) Wilkey M-W-F  
6-7 \$24 p. 54
- 130. Beginning Gregg Shorthand II (3) Wilkey M-  
W-F 7:10-8:10 \$24 p. 54
- 225. Gregg Shorthand, 60 to 80 Words (3) Morgan Tu-  
Th 6-7:30 \$24 p. 54
- 226. Gregg Shorthand, 80 to 100 Words (3) Rowland  
M-Th 6-7:30 \$24 p. 54
- 231. Gregg Shorthand, 100 to 130 Words (3) Harlin  
Tu-Th 6-7:30 \$24 p. 54
- 335. Introduction to Reporting—Gregg, 130 to 150 Words  
(4) Foote M-Th 6:30-8:30 \$32 p. 54
- 336. Reporting—Gregg, 150 Words and Up (4) Foote  
M-Th 6:30-8:30 \$32 p. 54

## SOCIAL SCIENCES

### GENERAL ECONOMICS

- 200. Introduction to Economics, Theory and Institu-  
tions (2) Allin Tu 6-8 \$16 p. 83
- 201<sup>a</sup>. Principles of Economics (3) Burroughs Tu 6-9  
\$24 p. 83
- 424. State and Local Government Finances (3) Berolz-  
heimer F 6-9 \$27 p. 84
- 610. Advanced Economic Analysis (3) Parsons M 7-10  
\$27 p. 84
- 705. History of Economic Thought (3) Wasserman  
W 7-10 \$27 p. 84
- 741<sup>a</sup>. Modern Economic Thought (3) Allin, Cavin Th  
6-9 \$27 p. 84

### AGRICULTURAL ECONOMICS

- 410<sup>a</sup>. Land Economics (2) V. Johnson Tu 6-8 \$18 p. 87
- 411. Agricultural Finance (3) D. Horton W 6-9 \$27  
p. 87
- 475. World Agriculture (4) Hainsworth, Purves, Whipple  
Tu-Th 6-8 \$36 p. 88
- 203. Introduction to Marketing (3) B. White Th 6-9  
\$24 p. 88
- 407<sup>a</sup>. History of Agricultural Policy in the United States  
(2) Edwards Tu 6-8 \$18 p. 89  
U. S. Agricultural Policies and Programs p. 89
- 716. Seminar on U. S. Agricultural Policies and Pro-  
grams (2) Minor, Arnold, Aylesworth, Woolley,  
Wells M 6-8 \$18 p. 90

### HUMAN RELATIONS

- 105. Introduction to the Study of Human Relations (2)  
Longmore M 6-8 \$16 p. 90
- 210. General Psychology (3) Finch W 6-9 \$24 p. 90
- 215. General Sociology (3) Raper Th 6-9 \$24 p. 90
- 308. Introduction to Cultural Anthropology (3) Clem-  
ents Tu 6-9 \$24 p. 91
- 315. Population (3) Taeuber, Hagood M 6-9 \$24 p. 91  
Point 4 and Contemporary National Cultures  
p. 93
- 515. Sociology and Psychology of Group and Com-  
munity Relations (3) Ensminger, C. Taylor Th  
6-9 \$27 p. 94
- 470. Introduction to General Semantics (2) Saunders  
W 7:30-9:30 \$18 p. 91
- 40. General Semantics Workshop (non-credit) Saun-  
ders Th 7:30-9:30 (September 22 and once a  
month) \$9 p. 91
- 43. Personal Development (non-credit) Galvin, Proven-  
sen Tu 6-8 \$16 p. 28

### CONSUMPTION ECONOMICS

- 234. Modern Homemaking for Employed Men and  
Women (2) Adelson and Specialists M 6-8 \$16  
p. 114
- 325. Managing Personal Finances (2) Larsen, assisted  
by Botts and Koebel Tu 6-8 \$16 p. 95

445. **Consumer Cooperation** (2) Tereshtenko Tu 6-8 \$18 p. 96  
 447. **Housing and Farm Structures** (2) Burroughs F 6-8 \$18 p. 96

### HEALTH AND MEDICAL SERVICES

460. **Introduction to Medical Economics** (2) Klem and Specialists M 6-8 \$18 p. 97

### INTERNATIONAL RELATIONS

430. **Modern Russia** (2) Tereshtenko M 6-8 \$18 p. 101  
 443. **Contemporary Far East—Southeast Asia** (3) Hendershot Tu 6-9 \$27 p. 102  
 525. **The Application of Psychoanalytic Theory and Methods to Problems of International Relations** (3) Spitzer M 6-9 \$27 p. 98  
**The United States and World Affairs** p. 99

### TRANSPORTATION

345. **Survey of Transportation** (2) Church Tu 6-8 \$16 p. 103  
 461. **Transportation Rates and Rate Determination** (2) Dolch Th 6:30-8:30 \$18 p. 103  
 641. **Current Economic Problems in Transportation** (2) Barton and Specialists M 6-8 \$18 p. 104

### TECHNOLOGY

#### ENGINEERING

324. **Basic Mechanical Drawing I** (2) Wiemer Tu-F 6-8 \$24 and \$3 laboratory fee p. 112  
 340. **Architectural Drafting I** (2) Wiemer M-Th 6-8 \$24 and \$2.50 laboratory fee p. 112  
 342. **Architectural Drafting III** (2) Wiemer M-Th 6-8 \$24 and \$2.50 laboratory fee p. 113  
 305<sup>a</sup>. **Elements of Statistical Drafting** (2) Guidry M 6-8 \$16 and \$2 laboratory fee p. 113  
 475<sup>a</sup>. **Naval Architecture** (2) Wright Tu 6-8 \$18 p. 106  
 501. **Transmission and Distribution Systems for Area Electrification** (3) Eardley Th 6-9 \$27 p. 106  
 702<sup>a</sup>. **Electric Utility Engineering** (2) Jessel M 6-8 \$18 p. 106  
 510<sup>a</sup>. **Analysis of Statically Indeterminate Structures** (2) Fischer W 6-8 \$18 p. 107  
 310<sup>a</sup>. **Aerodynamics** (2) Long W 6-8 \$16 p. 107  
 301<sup>a</sup>. **Soil Mechanics** (3) Barber W 6:30-9:30 \$24 p. 107

#### SURVEYING AND MAPPING

218. **Geodetic Surveying** (3) Rappleye M 6-8 (field work all day every fourth Saturday) \$24 p. 109  
 20. **Introduction to Photogrammetry** (non-credit) Faulds Th 6-8 \$16 p. 109  
 212. **Photogrammetry I**<sup>1</sup> (2) Higginson W 7-9 \$16 p. 110  
 370. **Photogrammetry III** (2) Tewinkel, Colner M-W 6-8 \$16 p. 110  
 214<sup>a</sup>. **Cartography** (2) Everett Tu 6-8 \$16 p. 110  
 440<sup>a</sup>. **Theory of Geodesy** (2) Thomas Tu 6-8 \$18 p. 111

<sup>1</sup> Given at Clarendon.

### Free Lecture Series

U. S. Agricultural Policies and Program  
 Point 4 and Contemporary National Cultures  
 The United States and World Affairs

See 1949-50 BULLETIN and Special  
 announcements for details